

DSS L4 changes and RbR parent changes based on RTM BASELINE0126

Corrections in response to DID 304 Rejection by NASA

Changes since original CCR submittal based on comments from SMO (Joe Guzek) and QA (Robin Griffin):

- 1) uncapitalized shall and inserted comma after i.e. in DSS-30515
- 2) added link from DSS-20462 to DADS0282#B
- 3) added phrase "of management data" in DSS-00831, 00832, 00833, 00834
- 4) changed "period times" to "intervals" in S-DSS-20920
- 5) deleted interpretation for new DADS1450#C; and added new table 5 to add this Rel C RbR
- 6) did not break link for DSS-03122 and DSS-03124 to DADS0210#B

Table 1 - Master reference table for DSS L4 Changes for IDR B DID 304 Comments

| L4 ID | Rel | RT M Key | L4 Text | Clarification | Req Type | RbR ID | RT M key | RbR Text | RbR Type | Interpretation |
|--------------------|------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|-------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------------------|
| <u>S-DSS-00821</u> | <u>A</u> | | <u>The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> | <u>IMS-1620#A</u> | 5563 | The IMS element shall collect the management data used to support the following system management functions: a. Fault Management b. Configuration Management d. Accountability Management e. Performance Management f. Security Management g. Scheduling Management. | functional | A: Security management data |
| <u>S-DSS-00821</u> | <u>A</u> | | <u>The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> | <u>IMS-1620#B</u> | 5375 | The IMS element shall collect the management data used to support the following system management functions: a. Fault Management b. Configuration Management c. Accounting Management d. Accountability Management e. Performance Management f. Security Management g. Scheduling Management | functional | |
| <u>S-DSS-00822</u> | <u>B</u> | | <u>The SDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API.</u> | | <u>interface</u> | <u>IMS-1620#B</u> | | | | |
| <u>S-DSS-00823</u> | <u>B</u> | | <u>The SDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API.</u> | | <u>interface</u> | <u>IMS-1620#B</u> | | | | |
| <u>S-DSS-00824</u> | <u>B</u> | | <u>The SDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API.</u> | | <u>interface</u> | <u>IMS-1620#B</u> | | | | |

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| S-DSS-00825 | B | | The SDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | interface | IMS-1620#B | | | | |
| S-DSS-00826 | B | | The SDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | interface | IMS-1620#B | | | | |
| S-DSS-00827 | B | | The SDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | interface | IMS-1620#B | | | | |
| S-DSS-00831 | A | | The ACMHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901# A | 4122 | The DADS element shall collect the management data used to support the following system management functions: a. Fault Management b. Configuration Management c. Accountability Management d. Performance Management e. Security Management f. Scheduling Management g. Distribution and Ingest Management | functional | A: Full fault management reporting to SMC/LSM |
| S-DSS-00832 | A | | The WKSHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901# A | | | | |
| S-DSS-00833 | A | | The DRPHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901# A | | | | |
| S-DSS-00834 | A | | The DIPHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901# A | | | | |
| S-DSS-00821 | A | | The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901# A | | | | |
| S-DSS-00828 | A | | The STMGCI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901# A | | | | |
| S-DSS-00841 | A | | The DDISCI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901# A | | | | |

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| S-DSS-00849 | A | | The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901#A | | | | |
| S-DSS-00831 | A | | The ACMHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901#B | 3524 | The DADS element shall collect the management data used to support the following system management functions: a. Fault Management b. Configuration Management c. Accounting Management d. Accountability Management e. Performance Management f. Security Management g. Scheduling Management h. Distribution and Ingest Management | functional | B: Full capability - CM, Accountability, Performance, Security, Scheduling |
| S-DSS-00832 | A | | The WKSHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901#B | | | | |
| S-DSS-00833 | A | | The DRPHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901#B | | | | |
| S-DSS-00834 | A | | The DIPHW CI shall support collection and maintenance of management data for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface | DADS0901#B | | | | |
| S-DSS-00821 | A | | The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00828 | A | | The STMGT CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00841 | A | | The DDIST CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00849 | A | | The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00822 | B | | The SDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | interface | DADS0901#B | | | | |

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| S-DSS-00823 | B | | The SDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00824 | B | | The SDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00825 | B | | The SDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00826 | B | | The SDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00827 | B | | The SDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00829 | B | | The STMGT CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00835 | B | | The STMGT CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00836 | B | | The STMGT CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00837 | B | | The STMGT CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00838 | B | | The STMGT CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00839 | B | | The STMGT CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | interface | DADS0901#B | | | | |
| S-DSS-00842 | B | | The DDIST CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | interface | DADS0901#B | | | | |

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| S-DSS-00843 | B | | The DDIST CI shall collect and provide <u>Accounting Management data to the MSS using a MSS provided Accounting Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00844 | B | | The DDIST CI shall collect and provide <u>Accountability Management data to the MSS using a MSS provided Accountability Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00845 | B | | The DDIST CI shall collect and provide <u>Performance Management data to the MSS using a MSS provided Performance Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00846 | B | | The DDIST CI shall collect and provide <u>Security Management data to the MSS using a MSS provided Security Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00847 | B | | The DDIST CI shall collect and provide <u>Scheduling Management data to the MSS using a MSS provided Scheduling Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00848 | B | | The DDIST CI shall collect and provide <u>Distribution Management data to the MSS using a MSS provided Distribution Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00851 | B | | The DDSRV CI shall collect and provide <u>Configuration Management data to the MSS using a MSS provided Configuration Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00852 | B | | The DDSRV CI shall collect and provide <u>Accounting Management data to the MSS using a MSS provided Accounting Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00853 | B | | The DDSRV CI shall collect and provide <u>Accountability Management data to the MSS using a MSS provided Accountability Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00854 | B | | The DDSRV CI shall collect and provide <u>Performance Management data to the MSS using a MSS provided Performance Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00855 | B | | The DDSRV CI shall collect and provide <u>Security Management data to the MSS using a MSS provided Security Management API.</u> | | interface | DADS0901#B | | | | |
| S-DSS-00856 | B | | The DDSRV CI shall collect and provide <u>Scheduling Management data to the MSS using a MSS provided Scheduling Management API.</u> | | interface | DADS0901#B | | | | |

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| S-DSS- <u>20171</u> | <u>B</u> | | <u>The STGMT CI shall provide operations personnel with the capability to screen the archive holdings for lost volumes.</u> | | <u>functional</u> | <u>DADS1450#</u> <u>B</u> | 3556 | Each DADS shall be capable of screening its archive holdings of Level 1A or Level 0 data, and if a product(s) is found to be lost or unreadable, generate a request for a replacement product from EDOS, dispatch the request, and ingest the replacement product. | <u>functional</u> | Data from AM-1 spacecraft B: ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS |
| S-DSS- 20920 | C | 3735 | The STGMT CI shall provide a mechanism to statistically monitor the correctable bit error rate (BER) of archive media. Monitoring period-times <u>intervals</u> shall be selectable by operations staff. | | functional | <u>DADS1450#</u> <u>C</u> | | <u>Each DADS shall be capable of screening its archive holdings of Level 1A or Level 0 data, and if a product(s) is found to be lost or unreadable, generate a request for a replacement product from EDOS, dispatch the request, and ingest the replacement product.</u> | <u>functional</u> | |
| S-DSS- 20925 | C | 3736 | The STGMT CI shall provide a mechanism to statistically monitor the raw bit error rate (BER) of archive media. | | functional | <u>DADS1450#</u> <u>C</u> | | | | |
| S-DSS- <u>20936</u> | <u>C</u> | | <u>The STGMT CI shall initiate a medium recopy/refresh if the raw BER for the medium exceeds an operator selectable threshold.</u> | | <u>functional</u> | <u>DADS1450#</u> <u>C</u> | | | | |
| S-DSS- 20960 | C | 3740 | The STGMT CI shall automatically re-create the archive media if the raw BER exceeds a threshold specified by operations staff. | | functional | <u>DADS1450#</u> <u>C</u> | | | | |
| S-DSS- <u>30515</u> | <u>A</u> | | <u>The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.)</u> | A: HDF-EOS and V0 native only | <u>functional</u> | <u>DADS0760#</u> <u>A</u> | 5577 | The DADS shall distribute data in approved standard formats including HDF and the Landsat 7 standard format (Landsat data only.) | <u>functional</u> | |
| S-DSS- 00980 | B | 8759 | The SDSRV CI operations staff shall have the capability to receive from the SMC, maintenance <u>management</u> directives. | | interface | | | | | |
| S-DSS- <u>20457</u> | <u>B</u> | | <u>The SDSRV CI shall interface with the STGMT CI to provide storage for real EOS instrument data to support pre-launch instrument checkout.</u> | | <u>interface</u> | <u>DADS0281#</u> <u>B</u> | 3479 | Each DADS shall be capable of ingesting and storing data to support the instrument science team(s) in: a. Pre-launch checkout of their instruments b. Pre-launch science checkout c. Development of initial calibration information | <u>functional</u> | |
| S-DSS- <u>20465</u> | <u>B</u> | | <u>The SDSRV CI shall interface with the STGMT CI to provide storage for simulated EOS instrument data to support pre-launch instrument checkout.</u> | | <u>interface</u> | <u>DADS0281#</u> <u>B</u> | | | | |

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| S-DSS-03492 | B | 8816 | The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system. | | | DADS0210# B | 3474 | Each DADS shall be capable of receiving, at a minimum, the following types of EOS instrument data in support of pre-launch checkout of the ground system: a. Real EOS instrument data b. Simulated EOS instrument data | functional | Rel B: Data server receipt of real and simulated data. |
| S-DSS-03494 | B | 8817 | The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the ground system. | | | DADS0210# B | | | | |
| S-DSS-04112 | B | 8837 | The SDSRV CI shall be capable of supplying real EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI. | | | DADS0210# B | | | | |
| S-DSS-04114 | B | 8838 | The SDSRV CI shall be capable of supplying simulated EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI. | | | DADS0210# B | | | | |
| S-DSS-20450 | B | 8881 | The STMGT CI shall provide the capability to archive real EOS instrument data to support pre-launch checkout of the ground system. | | | DADS0210# B | | | | |
| S-DSS-20455 | B | 8882 | The STMGT CI shall provide the capability to retrieve real EOS instrument data to support pre-launch check out of ground systems. | | | DADS0210# B | | | | |
| S-DSS-20460 | B | 8883 | The STMGT CI shall provide the capability to archive simulated EOS instrument data to support pre-launch checkout of the ground system. | | | DADS0210# B | | | | |
| S-DSS-20462 | B | 8884 | The STMGT CI shall provide the capability to retrieve simulated EOS instrument data to support pre-launch checkout of the ground system. | | | DADS0210# B | | | | |
| S-DSS-20462 | | | | | | <u>DADS0282#</u> <u>B</u> | 3480 | Each DADS shall be capable of storage and retrieval of real and simulated EOS instrument data in support of pre-launch checkout of the ground system. | functional | B: Simulated and real data |
| S-DSS-03992 | B | 8830 | The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system. | | functional | DADS0210# B | | | | |
| S-DSS-03994 | B | 8831 | The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the ground system. | | functional | DADS0210# B | | | | |

Table 2 - Changes to LEVEL_4

| L4 ID | Rel | RT M Key | L4 Text | Clarification | Req Type |
|-------------|-----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| S-DSS-00821 | A | | The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface |
| S-DSS-00821 | A | | The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. | | interface |
| S-DSS-00822 | B | | The SDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | interface |
| S-DSS-00823 | B | | The SDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | interface |
| S-DSS-00824 | B | | The SDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | interface |
| S-DSS-00825 | B | | The SDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | interface |
| S-DSS-00826 | B | | The SDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | interface |
| S-DSS-00827 | B | | The SDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | interface |
| S-DSS-00831 | A | | The ACMHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface |
| S-DSS-00832 | A | | The WKSHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface |
| S-DSS-00833 | A | | The DRPHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources. | | interface |

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| <u>S-DSS-00834</u> | <u>A</u> | | <u>The DIPHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.</u> | | <u>interface</u> |
| <u>S-DSS-00821</u> | <u>A</u> | | <u>The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00828</u> | <u>A</u> | | <u>The STMGT CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00841</u> | <u>A</u> | | <u>The DDIST CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00849</u> | <u>A</u> | | <u>The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00831</u> | <u>A</u> | | <u>The ACMHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.</u> | | <u>interface</u> |
| <u>S-DSS-00832</u> | <u>A</u> | | <u>The WKSHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.</u> | | <u>interface</u> |
| <u>S-DSS-00833</u> | <u>A</u> | | <u>The DRPHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.</u> | | <u>interface</u> |
| <u>S-DSS-00834</u> | <u>A</u> | | <u>The DIPHW CI shall support collection and maintenance for Fault Management, configuration, performance, accountability, and security of Data Server CI hardware resources.</u> | | <u>interface</u> |
| <u>S-DSS-00821</u> | <u>A</u> | | <u>The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00828</u> | <u>A</u> | | <u>The STMGT CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00841</u> | <u>A</u> | | <u>The DDIST CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |
| <u>S-DSS-00849</u> | <u>A</u> | | <u>The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.</u> | | <u>interface</u> |

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| <u>S-DSS-00822</u> | <u>B</u> | | The SDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | <u>interface</u> |
| <u>S-DSS-00823</u> | <u>B</u> | | The SDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | <u>interface</u> |
| <u>S-DSS-00824</u> | <u>B</u> | | The SDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | <u>interface</u> |
| <u>S-DSS-00825</u> | <u>B</u> | | The SDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | <u>interface</u> |
| <u>S-DSS-00826</u> | <u>B</u> | | The SDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | <u>interface</u> |
| <u>S-DSS-00827</u> | <u>B</u> | | The SDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | <u>interface</u> |
| <u>S-DSS-00829</u> | <u>B</u> | | The STMGT CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | <u>interface</u> |
| <u>S-DSS-00835</u> | <u>B</u> | | The STMGT CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | <u>interface</u> |
| <u>S-DSS-00836</u> | <u>B</u> | | The STMGT CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | <u>interface</u> |
| <u>S-DSS-00837</u> | <u>B</u> | | The STMGT CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | <u>interface</u> |
| <u>S-DSS-00838</u> | <u>B</u> | | The STMGT CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | <u>interface</u> |
| <u>S-DSS-00839</u> | <u>B</u> | | The STMGT CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | <u>interface</u> |

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| <u>S-DSS-00842</u> | <u>B</u> | | The DDIST CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | <u>interface</u> |
| <u>S-DSS-00843</u> | <u>B</u> | | The DDIST CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | <u>interface</u> |
| <u>S-DSS-00844</u> | <u>B</u> | | The DDIST CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | <u>interface</u> |
| <u>S-DSS-00845</u> | <u>B</u> | | The DDIST CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | <u>interface</u> |
| <u>S-DSS-00846</u> | <u>B</u> | | The DDIST CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | <u>interface</u> |
| <u>S-DSS-00847</u> | <u>B</u> | | The DDIST CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. | | <u>interface</u> |
| <u>S-DSS-00848</u> | <u>B</u> | | The DDIST CI shall collect and provide Distribution Management data to the MSS using a MSS provided Distribution Management API. | | <u>interface</u> |
| <u>S-DSS-00851</u> | <u>B</u> | | The DDSRV CI shall collect and provide Configuration Management data to the MSS using a MSS provided Configuration Management API. | | <u>interface</u> |
| <u>S-DSS-00852</u> | <u>B</u> | | The DDSRV CI shall collect and provide Accounting Management data to the MSS using a MSS provided Accounting Management API. | | <u>interface</u> |
| <u>S-DSS-00853</u> | <u>B</u> | | The DDSRV CI shall collect and provide Accountability Management data to the MSS using a MSS provided Accountability Management API. | | <u>interface</u> |
| <u>S-DSS-00854</u> | <u>B</u> | | The DDSRV CI shall collect and provide Performance Management data to the MSS using a MSS provided Performance Management API. | | <u>interface</u> |
| <u>S-DSS-00855</u> | <u>B</u> | | The DDSRV CI shall collect and provide Security Management data to the MSS using a MSS provided Security Management API. | | <u>interface</u> |

| | | | | | |
|-------------|----------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|
| S-DSS-00856 | <u>B</u> | | The DDSRV CI shall collect and provide <u>Scheduling Management data</u> to the MSS using a MSS provided <u>Scheduling Management API</u> . | | <u>interface</u> |
| S-DSS-20171 | <u>B</u> | | The STGMT CI shall provide operations personnel with the capability to screen the archive holdings for lost volumes. | | <u>functional</u> |
| S-DSS-20936 | <u>C</u> | | The STMGT CI shall initiate a medium <u>recopy/refresh</u> if the raw BER for the medium exceeds an operator selectable <u>threshold</u> . | | <u>functional</u> |
| S-DSS-30515 | <u>A</u> | | The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) | A: HDF-EOS and V0 native only | <u>functional</u> |
| S-DSS-00980 | <u>B</u> | 8759 | The SDSRV CI operations staff shall have the capability to receive from the SMC, <u>maintenance management</u> directives. | | <u>interface</u> |
| S-DSS-20457 | <u>B</u> | | The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS <u>instrument data</u> to support <u>pre-launch instrument checkout</u> . | | <u>interface</u> |
| S-DSS-20465 | <u>B</u> | | The SDSRV CI shall interface with the STMGT CI to provide storage for <u>simulated EOS instrument data</u> to support <u>pre-launch instrument checkout</u> . | | <u>interface</u> |
| S-DSS-03992 | <u>B</u> | 8830 | The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS <u>instrument data</u> to support <u>pre-launch checkout</u> of the ground system. | | <u>functional</u> |
| S-DSS-03994 | <u>B</u> | 8831 | The SDSRV CI shall interface with the STMGT CI to provide storage for <u>simulated EOS instrument data</u> to support <u>pre-launch checkout</u> of the ground system. | | <u>functional</u> |

Table 3 - Links to be added between REQ_BY_REL and LEVEL_4

| RbR ID | L4 ID |
|---------------|--------------|
| IMS-1620#A | S-DSS-00821 |
| IMS-1620#B | S-DSS-00821 |
| IMS-1620#B | S-DSS-00822 |
| IMS-1620#B | S-DSS-00823 |
| IMS-1620#B | S-DSS-00824 |
| IMS-1620#B | S-DSS-00825 |
| IMS-1620#B | S-DSS-00826 |
| IMS-1620#B | S-DSS-00827 |
| DADS0901#A | S-DSS-00831 |
| DADS0901#A | S-DSS-00832 |
| DADS0901#A | S-DSS-00833 |
| DADS0901#A | S-DSS-00834 |
| DADS0901#A | S-DSS-00821 |
| DADS0901#A | S-DSS-00828 |
| DADS0901#A | S-DSS-00841 |
| DADS0901#A | S-DSS-00849 |
| DADS0901#B | S-DSS-00831 |
| DADS0901#B | S-DSS-00832 |
| DADS0901#B | S-DSS-00833 |
| DADS0901#B | S-DSS-00834 |
| DADS0901#B | S-DSS-00821 |
| DADS0901#B | S-DSS-00828 |
| DADS0901#B | S-DSS-00841 |
| DADS0901#B | S-DSS-00849 |
| DADS0901#B | S-DSS-00822 |
| DADS0901#B | S-DSS-00823 |
| DADS0901#B | S-DSS-00824 |
| DADS0901#B | S-DSS-00825 |
| DADS0901#B | S-DSS-00826 |
| DADS0901#B | S-DSS-00827 |
| DADS0901#B | S-DSS-00829 |
| DADS0901#B | S-DSS-00835 |
| DADS0901#B | S-DSS-00836 |
| DADS0901#B | S-DSS-00837 |
| DADS0901#B | S-DSS-00838 |
| DADS0901#B | S-DSS-00839 |
| DADS0901#B | S-DSS-00842 |
| DADS0901#B | S-DSS-00843 |
| DADS0901#B | S-DSS-00844 |
| DADS0901#B | S-DSS-00845 |
| DADS0901#B | S-DSS-00846 |
| DADS0901#B | S-DSS-00847 |
| DADS0901#B | S-DSS-00848 |
| DADS0901#B | S-DSS-00851 |
| DADS0901#B | S-DSS-00852 |

| | |
|------------|-------------|
| DADS0901#B | S-DSS-00853 |
| DADS0901#B | S-DSS-00854 |
| DADS0901#B | S-DSS-00855 |
| DADS0901#B | S-DSS-00856 |
| DADS1450#B | S-DSS-20171 |
| DADS1450#C | S-DSS-20920 |
| DADS1450#C | S-DSS-20925 |
| DADS1450#C | S-DSS-20936 |
| DADS1450#C | S-DSS-20960 |
| DADS0760#A | S-DSS-30515 |
| DADS0282#B | S-DSS-20462 |
| DADS0281#B | S-DSS-20457 |
| DADS0281#B | S-DSS-20465 |

Table 4 - Links to be deleted between REQ_BY_REL and LEVEL_4

| RbR ID | L4 ID |
|------------|-------------|
| DADS0210#B | S-DSS-03492 |
| DADS0210#B | S-DSS-03494 |
| DADS0210#B | S-DSS-04112 |
| DADS0210#B | S-DSS-04114 |
| DADS0210#B | S-DSS-20450 |
| DADS0210#B | S-DSS-20455 |
| DADS0210#B | S-DSS-20460 |
| DADS0210#B | S-DSS-20462 |
| DADS0210#B | S-DSS-03992 |
| DADS0210#B | S-DSS-03994 |

Table 5 - Changes to REQ_BY_REL

| RbR ID | RT M key | RbR Text | RbR Type | Interpretation |
|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| DADS1450#C | | Each DADS shall be capable of screening its archive holdings of Level 1A or Level 0 data, and if a product(s) is found to be lost or unreadable, generate a request for a replacement product from EDOS, dispatch the request, and ingest the replacement product. | functional | |